IN THE CLAIMS:

- 1. (Cancelled)
- 2. (Currently Amended) A hollow polyester filament consisting essentially of polyethylene terephthalate having sufficient openings therein for said hollow filament to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
 - 3. (Cancelled)
 - 4. (Currently Amended) A staple fiber cut from the hollow filament of Claim 12.
- 5. (Original) A staple fiber according to Claim 4 and having a length sufficient to exhibit fiber properties.
- 6. (Original) A staple fiber according to Claim 4 and having a length sufficient to support a meniscus of water at each end thereof.
- 7. (Original) A staple fiber according to Claim 4 having a length of between about one-quarter inch and two inches.
- 8. (Original) A nonwoven fabric formed from a plurality of staple fibers according to Claim 4.
- 9. (Original) A nonwoven fabric formed from a plurality of staple fibers according to Claim 7.

- 10. (Original) An absorbent structure that includes a nonwoven fabric according to Claim 9.
- 11. (Currently Amended) A hollow filament according to Claim ‡ 2 wherein both said filament and its hollow portion have respective circular cross section.
- 12. (Currently Amended) A hollow filament according to Claim 4.2 wherein said filament has a circular cross section and said hollow portion has a non-circular cross section.
- 13. (Currently Amended) A hollow filament according to Claim 12 wherein said filament has a non-circular cross section and said hollow portion has a circular cross section.
- 14. (Currently Amended) A hollow filament according to Claim 12 wherein said filament has a non-circular cross section and said hollow portion has a non-circular cross section.
- 15. (Original) A hollow staple fiber consisting essentially of polyethylene terephthalate and having sufficient openings therein for said staple fiber to substantially fill with water.
- 16. (Original) A polyester filament having a moisture absorption capability of between about 10 and 30 percent by volume.
- 17. (Original) A filament according to Claim 16 consisting essentially of polyethylene terephthalate.
 - 18. (Original) A hollow filament according to Claim 16.

- 19. (Original) A hollow filament according to Claim 16 wherein both said filament and it s hollow portion have respective circular cross section.
 - 20. (Original) A staple fiber cut from the filament of Claim 16.
 - 21. (Original) A nonwoven fabric formed from the staple fiber of Claim 20.
- 22. (Original) An absorbent structure that includes a nonwoven fabric according to Claim 21.
- 23. (Original) A hollow filament according to Claim 18 and having an asymmetric cross section.
- 24. (Original) A hollow filament according to Claim 23 wherein both said filament and it s hollow portion have respective circular cross section and said hollow portion is not coaxial with said filament.
 - 25. (Original) A staple fiber cut from the filament of Claim 23.
 - 26. (Original) A nonwoven fabric formed from the staple fiber of Claim 25.
- 27. (Original) An absorbent structure that includes a nonwoven fabric according to Claim 26.
- 28. (Original) A staple fiber consisting essentially of polyethylene terephthalate and having a moisture absorption capability of between about 10 and 30 percent by volume.

- 29. (Original) A hollow filament having an asymmetric cross section and having sufficient openings therein for said hollow filament to substantially fill with liquid.
- 30. (Original) A hollow polyester filament having an asymmetric cross section and having sufficient openings therein for said hollow filament to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
- 31. (Original) A filament according to Claim 29 consisting ossentially of polyethylene terephthalate.
- 32. (Original) A filament according to Claim 29 wherein both said filament and its hollow portion have respective circular cross sections and wherein said hollow portion is not coaxial with said filament.
 - 33. (Original) A staple fiber cut from the filament of Claim 29.
- 34. (Original) A staple fiber according to Claim 33 having a length of between about one-quarter inch and two inches.
- 35. (Original) A nonwoven fabric formed from a plurality of staple fibers according to Claim 34.
- 36. (Original) An absorbent structure that includes a nonwoven fabric according to Claim 35.
- 37. (Original) A hollow staple fiber consisting essentially of polyethylene terephthalate;

said staple fiber having sufficient openings therein for said staple fiber to substantially fill with a liquid; and

said staple fiber and its hollow portion having respective circular cross sections and wherein said hollow portion is not coaxial with said staple fiber.

- 38. (Original) A hollow staple fiber according to Claim 37 having sufficient openings therein for said staple fiber to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
- 39. (Withdrawn) A method of forming a highly water-absorbent polyester filament, the method comprising:

contacting a hollow polyester filament with a chemical composition in an amount and for a time sufficient to attack the hollow filament and create sufficient openings therein for the hollow filament to substantially fill with a liquid while less than an amount that would completely open or dissolve the filament.

- 40. (Withdrawn) A method according to Claim 39 comprising creating sufficient openings for the hollow filament to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
- 41. (Withdrawn) A method according to Claim 39 comprising contacting the filament with an aqueous alkali solution.
- 42. (Withdrawn) A method according to Claim 41 comprising contacting the filament with the aqueous alkali solution at an elevated temperature.
- 43. (Withdrawn) A method according to Claim 41 comprising contacting the filament with an aqueous solution selected from the group consisting of sodium hydroxide, potassium

hydroxide and ammonium hydroxide.

- 44. (Withdrawn) A method according to Claim 39 comprising contacting the filament with an organic solvent for polyester.
- 45. (Withdrawn) A method according to Claim 39 comprising contacting the filament with a solvent selected from the group consisting of: benzene, esters and ketones.
- 46. (Withdrawn) A method according to Claim 39 comprising contacting the filament with a plasticizer.
- 47. (Withdrawn) A method according to Claim 39 comprising contacting a polyethylene terephthalate filament.
- 48. (Withdrawn) A method according to Claim 39 and further comprising the step(s) of spinning the hollow filament from a melt prior to the step of contacting the filament with the attacking composition.
- 49. (Withdrawn) A method according to Claim 48 comprising spinning a hollow filament with an asymmetric cross section.
- 50. (Withdrawn) A method according to Claim 39 and further comprising cutting the filament into staple fibers.
- 51. (Withdrawn) A method according to Claim 50 and further comprising forming a nonwoven fabric from the cut staple fibers.

Page 9

- 52. (Withdrawn) A method according to Claim 41 and further comprising neutralizing the filament after contacting the filament with the aqueous alkali solution.
- 53. (Withdrawn) A method according to Claim 39 and further comprising the steps of:

heat setting the filament;
cutting the filament into staple fibers; and
baling the cut staple fibers;
all following the step of contacting the filament with the chemical composition.

54. (Withdrawn) A method of forming a highly absorbent synthetic polymer filament, the method comprising:

contacting a hollow polymeric filament with an organic solvent for the polymer in an amount and for a time sufficient to attack the hollow filament and create sufficient openings therein for the hollow filament to substantially fill with a liquid while less than an amount that would completely open or dissolve the filament.

- 55. (Withdrawn) A method according to Claim 54 comprising creating sufficient openings for the hollow filament to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions
- 56. (Withdrawn) A method according to Claim 54 comprising contacting a hollow polyester filament with the solvent.
- 57. (Withdrawn) A method of forming a highly absorbent synthetic polymer filament, the method comprising:

mechanically cracking a hollow polymeric filament until the filament is sufficiently open to substantially fill with a liquid.

Page 10

- 58. (Withdrawn) A method according to Claim 57 comprising mechanically cracking a hollow polyester filament until the filament is sufficiently open to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
- 59. (Withdrawn) A method according to Claim 57 comprising cracking a filament that has a asymmetric cross section.
- 60. (Withdrawn) A method according to Claim 59 and further comprising the step of spinning the asymmetric filament from a melt prior to the step of mechanically cracking the filament.
- 61. (Withdrawn) A method according to Claim 59 and further comprising cutting the filament into staple fiber.
- 62. (Withdrawn) A method according to Claim 61 and further comprising forming a nonwoven fabric from the staple fibers.
- 63. (Withdrawn) A method according to Claim 59 and further comprising the step of spinning the asymmetric filament prior to the step of mechanically cracking the filament.
- 64. (Withdrawn) A method according to Claim 57 and further comprising spinning the hollow filament from a melt prior to the step of cracking the filament.
- 65. (Withdrawn) A method according to Claim 64 and further comprising cutting the filament into staple fiber.

- 66. (Withdrawn) A method according to Claim 65 and further comprising forming a nonwoven fabric from the staple fibers.
- 67. (Withdrawn) A method according to Claim 57 comprising cracking a filament consisting essentially of polyethylene terephthalate.
- 68. (Withdrawn) A method according to Claim 57 and further comprising the steps of heat string the filaments;

cutting the filaments into staple fiber; and baling the cut staple fibers.

69. (Withdrawn) A method of forming a highly absorbent polyester filament, the method comprising:

spinning an asymmetric hollow filament from a melt;

preferentially quenching the filament to create greater and lesser degrees of polymer orientation along the filament;

drawing the filament to a desired draw ratio;

heat setting the drawn filament; and

mechanically cracking a hollow polyester filament until the filament is sufficiently open to substantially fill with a liquid.

- 70. (Withdrawn) A method according to Claim 69 comprising mechanically cracking the filament until the filament is sufficiently open to substantially fill with a liquid selected from the group consisting of water, water-based solutions, and water-based suspensions.
- 71. (Withdrawn) A method according to Claim 69 wherein the drawing step comprises drawing the filament to degree that highly stresses the more highly oriented portions of the filament.

- 72. (Original) A staple filament having a coaxial opening entirely therethrough, the filament having a length defined by the minimum length sufficient to support a meniscus of water in the coaxial opening and a maximum length at which the filament will fill entirely with a liquid selected from the group consisting of water and water-based solutions and suspensions.
- 73. (Original) A staple filament according to Claim 72 wherein the maximum length is the length above which air pressure between a meniscus at each end of the filament will prevent the opening from filling entirely with the selected liquid.
 - 74. (Original) A staple filament according to Claim 72 comprising polyester.
- 75. (Original) A staple filament according to Claim 72 comprising polyethylene terephthalate.
- 76. (Original) A staple filament according to Claim 72 having a length less than about one-half inch.
- 77. (Original) A staple filament according to Claim 72 having a length of about one-quarter inch.
- 78. (Original) A staple filament according to Claim 72 having a denier of between about 1 and 45.
- 79. (Original) A staple filament according to Claim 72 having a denier of between about 1 and 10.

- 80. (Original) A staple filament according to Claim 72 having a denier of between about 1 and 3.
 - 81. (Withdrawn) A method of forming a highly absorbent filament comprising: spinning a hollow filament at a denier of between about 1 and 45; quenching the filament; and

cutting the filament into short staple fibers having a length defined by the minimum length sufficient to support a meniscus of water in the coaxial opening and a maximum length at which the filament will fill entirely with a liquid selected from the group consisting of water and water-based solutions and suspensions.

- 82. (Withdrawn) A method according to Claim 81 comprising spinning a polyester hollow filament.
- 83. (Withdrawn) A method according to Claim 81 comprising spinning the filament to a denier of between about 1 and 10.
- 84. (Withdrawn) A method according to Claim 81 comprising spinning the filament to a denier of between about 1 and 3.
- 85. (Withdrawn) A method according to Claim 81 comprising cutting the filament into staple less than about one-half inch in length.
- 86. (Withdrawn) A method according to Claim 81 comprising cutting the filament into staple about one-quarter inch in length.